## NINJA® 7 HYBRID ABS









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**Engine** 4-stroke, Parallel Twin, DOHC, liquid-cooled

Displacement 451cc

**Bore x Stroke** 70.0 x 58.6mm

**Compression Ratio** 11.7:1

**Maximum System** 

**Torque** 

44.2 lb-ft @ 2,800 rpm

EFI with dual 36mm throttle bodies **Fuel System** 

Ignition **TCBI** 

**Traction Motor** Liquid-cooled, interior permanent magnet

synchronous motor

3 Modes (SPORT-HYBRID/ ECO-HYBRID/EV) plus e-**Power Modes** 

hoost

**Motor Drive** 

**Battery Type** 

48 V lithium-ion battery

6-speed Automated Manual **Transmission** 

Shifter Mechanism Push button

**Final Drive Ratio** 3.071 (14/43)

**Final Drive** Chain

**Electronic Rider** Automatic Launch Position Finder (ALPF) in MT, WALK

Aids

Mode (with Reverse), Anti-lock Brake System (ABS)

## **PERFORMANCE**

Trellis, high-tensile steel **Frame Type** 

Front Suspension/ 41mm telescopic fork/4.7 in **Wheel Travel** 

Bottom-Link Uni-Trak® with single gas-charged **Rear Suspension/ Wheel Travel** shock, adjustable spring preload/4.5 in

**Front Tire** 120/70-17

**Rear Tire** 160/60-17

**Front Brakes** Dual 300mm discs with 2-piston calipers and ABS

**Rear Brakes** Single 220mm disc with single-piston caliper and ABS

## **DETAILS**

Rake & Trail 25° / 4.1 in

**Overall Length** 84.4 in

**Overall Width** 29.5 in

**Overall Height** 44.7 in

**Ground Clearance** 5.1 in

**Seat Height** 31.3 in

**Curb Weight** 502.7 lb\* (incl. battery)

**Fuel Capacity** 3.7 gal

Wheelbase 60.4 in

**Special Features** e-boost, Idling Stop Function, Regenerative System,

TFT Color Instrumentation with Smartphone

Connectivity via RIDEOLOGY THE APP

**Color Choices** Metallic Bright Silver/Metallic Matte Lime Green/

Warranty 12 Month Limited Warranty



